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Montana. Dept. of
Fish, Wildlife,
and Parks
[Environmental
assessments for
the River's Edge
Trail through



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**Montana Department
of
Fish, Wildlife & Parks**



Box 6610
Great Falls, MT 59405

April 20, 1995.

Environmental Quality Council, Capitol Building, Helena MT. 59620.

Dept. of Health and Environmental Sciences, Directors Office.

Dept. of Fish, Wildlife, and Parks

Directors Office

Parks Division

Fisheries Division

Wildlife Division

Lands Section

Design & Construction

Legal Unit

Jeff Erikson

Montana Historical Society, SHPO.

Montana State Library

Jim Jensen, MT Environmental Info. Center. POB 1184, Helena, MT 59624.

Janet Ellis, MT Audubon Council, POB 924, Helena, MT 59624.

Montana Wildlife Federation POB 653, Bozeman, MT 59715.

Paul Hickman, Montana State Parks Association Inc. POB 699, Billings, MT 59103.

Wayne Hirst, Montana State Parks Foundation, POB 728, Libby MT 59923.

George Ochenski, POB 689, Helena, MT 59624.

Cascade County Commissioners, County Courthouse, Great Falls, MT 59401.

Heritage Park Commission, POB 1093, Great Falls MT 59403

Ladies and Gentlemen:

The enclosed Environmental Assessments have been prepared for the River's Edge Trail through Giant Springs / Heritage State Parks and for upgrades and new construction on the Lewis and Clark Overlook and the new Crooked Falls Overlook on MPC lands permitted to FWP to the east of Giant Springs / Heritage State Parks. These are submitted to you for your consideration. Questions and Comments will be accepted until May 15, 1995. If you have questions please feel free to contact me at 454-3441. All comments may be sent in care of the undersigned. Thank you for your interest.

Sincerely,

Dan Smith
Park Operations Specialist

MEPA/NEPA/HB495 CHECKLIST

PART I. PROPOSED ACTION DESCRIPTION

1. Type of Proposed State Action

Construct the Lewis and Clark overlook vista and the Crooked Falls overlook along with the associated extension of the River's Edge Trail connecting these structures. This project can be broken down into the following components:

New construction:

- Crooked Falls Overlook.
- River's Edge Trail.

Improvements to existing Structures:

- Lewis and Clark Overlook.

These structures will be placed on Montana Power Company lands controlled by FWP east of Rainbow Falls near Giant Springs State Park. FWP, Montana Power, and Recreational Trails Inc. are proposing this action.

2. Agency Authority for the Proposed Action

FWP has authority to provide development for public recreation on Department lands. 23-2-101 MCA.

3. Name of Project

Lewis and Clark, and Crooked Falls Overlooks and East River's Edge Trail.

4. Name, Address and Phone Number of Project Sponsor (if other than the agency)

Fish, Wildlife and Parks, Region Four, P.O. Box 6610, Great Falls, MT. 59406.

5. If Applicable:

Estimated Construction/Commencement Date 6/1/95.

Estimated Completion Date 8/15/95.

Current Status of Project Design (% complete) 80%

6. Location Affected by Proposed Action (county, range and township)

Portions of Giant Springs/Heritage State Park in Cascade County, T21N, R4E and Montana Power lands permitted to FWP to the east of Giant Springs SP. (See

attached maps and aerial photos).

7. Project Size: Estimate the number of acres that would be directly affected that are currently:

- | | | | |
|-----|--------------------------------------|-----|---------------------------------------|
| (a) | Developed: | (d) | Floodplain <u>0</u> acres |
| | residential <u>0</u> acres | | |
| | industrial <u>0</u> acres | (e) | Productive: |
| (b) | Open Space / Woodlands / | | irrigated cropland <u>0</u> |
| | Recreation <u>15</u> acres | | acres |
| | | | dry cropland <u>0</u> acres |
| | | | forestry <u>0</u> acres |
| (c) | Wetlands/Riparian | | rangeland <u>0</u> acres |
| | Areas <u>0</u> acres | | other <u>0</u> acres |

8. Map/site plan: attach an original 8 1/2" x 11" or larger section of the most recent USGS 7.5' series topographic map showing the location and boundaries of the area that would be affected by the proposed action. A different map scale may be substituted if more appropriate or if required by agency rule. If available, a site plan should also be attached.



LONG RANGE MASTER SITE PLAN
GIANT SPRINGS HERITAGE STATE PARK
CROOKED FALLS AREA

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
530 SOUTH EAST ASIAN AVENUE
CHICAGO, ILLINOIS 60607
TEL: 773-936-5000 FAX: 773-936-5001



9. Narrative Summary of the Proposed Action or Project including the Benefits and Purpose of the Proposed Action.

FWP: Parks Division proposes to develop overlooks of Rainbow Falls, Crooked Falls and the Missouri River along with a connecting trail in conjunction with the Montana Power Company and in cooperation with Recreational Trails Inc. The benefits to the community will be to:

- prevent additional erosion at the current Lewis and Clark Overlook;
- to provide an attraction providing visitors a viewpoint of this stretch of historic river frontage;
- to provide a connecting trail providing visitors the opportunity to exercise.

10. Listing of any other Local, State or Federal agency that has overlapping or additional jurisdiction.

(a) Permits:

<u>Agency Name</u>	<u>Permit</u>	<u>Date Filed/#</u>
--------------------	---------------	---------------------

None

(b) Funding:

<u>Agency Name</u>	<u>Funding Amount</u>
Montana Power Company	\$80,000
FWP	\$10,000

(c) Other Overlapping or Additional Jurisdictional Responsibilities:

<u>Agency Name</u>	<u>Type of Responsibility</u>
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Montana Power Company Owner

11. List of Agencies Consulted During Preparation of the EA:

MDFWP - Region Four - Parks Division.
FWP - Design and Construction Bureau- Helena.
MPC - Recreation officer - Elvin Fitzhugh.
Neil Consulting - Lyle Meeks.
Recreational Trails Inc. - Doug Wicks.

PART II. ENVIRONMENTAL REVIEW

PHYSICAL ENVIRONMENT

1. LAND RESOURCES Will the proposed action result in:	IMPACT				Can Impact Be Mitigated	Comment Index
	Unknown	None	Minor	Potentially Significant		
► a. Soil instability or changes in geologic substructure?				X	Yes	A.
b. Disruption, displacement, erosion, compaction, moisture loss, or over-covering of soil which would reduce productivity or fertility?		X				
► c. Destruction, covering or modification of any unique geologic or physical features?		X				
d. Changes in siltation, deposition or erosion patterns that may modify the channel of a river or stream or the bed or shore of a lake?		X				
e. Exposure of people or property to earthquakes, landslides, ground failure, or other natural hazard?		X				
f. Other _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. This area has evidence of slumping. In the opinion of Lyle Meeks of Neil Consultants this slumping is apparently due to surface runoff flowing from the existing parking areas at Lewis and Clark Overlook. This forms a shear plane between the weak clay layer and the underlying sandstone which allows the slumping to occur. The project is designed to address this impact on the area by redirecting surface drainage from the existing pattern into a natural, stabilized coulee immediately to the southeast of the parking structures and to use earth engineering techniques to prevent soil instability on new overlook facilities. The area effected by the slumping is small (50 X 50 ft.) and is in an area where natural slumping has occurred in the past but which has been effected by construction of the current L&C overlook.

Other than this area no impacts are expected.

⚙ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

2. <u>AIR</u> Will the proposed action result in:	IMPACT ⚙				Can Impact Be Mitigated ⚙	Comment Index
	Unknown ⚙	None	Minor ⚙	Potentially Significant		
► a. Emission of air pollutants or deterioration of ambient air quality? (also see 13 (c))			X			A.
b. Creation of objectionable odors?		X				
c. Alteration of air movement, moisture, or temperature patterns or any change in climate, either locally or regionally?		X				
d. Adverse effects on vegetation, including crops, due to increased emissions of pollutants?		X				
e. ♦ For P-R/D-J projects, will the project result in any discharge which will conflict with federal or state air quality regs? (Also see 2a)		X				
f. Other _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Air Resources (Attach additional pages of narrative if needed):

A. During construction a small amount of air pollution will likely occur. After construction pollution will remain at current levels.

PHYSICAL ENVIRONMENT

3. <u>WATER</u> Will the proposed action result in:	IMPACT ⚙				Can Impact Be Mitigated ⚙	Comment Index
	Unknown ⚙	None	Minor ⚙	Potentially Significant		
► a. Discharge into surface water or any alteration of surface water quality including but not limited to temperature, dissolved oxygen or turbidity?		X				
b. Changes in drainage patterns or the rate and amount of surface runoff?			X			A.
c. Alteration of the course or magnitude of flood water or other flows?		X				
d. Changes in the amount of surface water in any water body or creation of a new water body?		X				
e. Exposure of people or property to water related hazards such as flooding?		X				
f. Changes in the quality of groundwater?		X				

⚙ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

g. Changes in the quantity of groundwater?		X				
h. Increase in risk of contamination of surface or groundwater?		X				
i. Effects on any existing water right or reservation?		X				
j. Effects on other water users as a result of any alteration in surface or groundwater quality?		X				
k. Effects on other users as a result of any alteration in surface or groundwater quantity?		X				
l. ♦♦For P-R/D-J, will the project affect a designated floodplain? (Also see 3c)		X				
m. ♦For P-R/D-J, will the project result in any discharge that will affect federal or state water quality regulations? (Also see 3a)		X				
n. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Water Resources (Attach additional pages of narrative if needed):

A. The slumping in this area may contribute to water quality degradation. As explained in Section 1a. the project is designed to alleviate this possibility. In any case the area effected by the slumping is small (50 X 50 ft.) and is in an area where natural slumping has occurred in the past. The project can only improve the water quality situation.

- ☼ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

4. <u>VEGETATION</u> Will the proposed action result in:	IMPACT ⚠				Can Impact Be Mitigated ⚠	Comment Index
	Unknown ⚠	None	Minor ⚠	Potentially Significant		
a. Changes in the diversity, productivity or abundance of plant species (including trees, shrubs, grass, crops, and aquatic plants)?		X				
b. Alteration of a plant community?		X				
c. Adverse effects on any unique, rare, threatened, or endangered species?		X				
d. Reduction in acreage or productivity of any agricultural land?		X				
e. Establishment or spread of noxious weeds?		X				
f. ♦ ♦ For P-R/D-J, will the project effect wetlands, or prime and unique farmland?		X				
g. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

⚠ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦ ♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

▶ 5. <u>FISH/WILDLIFE</u> Will the proposed action result in:	IMPACT [⊛]				Can Impact Be Mitigated [⊛]	Comment Index
	Unknown [⊛]	None	Minor [⊛]	Potentially Significant		
a. Deterioration of critical fish or wildlife habitat?		X				
b. Changes in the diversity or abundance of game animals or bird species?		X				
c. Changes in the diversity or abundance of nongame species?		X				
d. Introduction of new species into an area?		X				
e. Creation of a barrier to the migration or movement of animals?		X				
f. Adverse effects on any unique, rare, threatened, or endangered species?		X				
g. Increase in conditions that stress wildlife populations or limit abundance (including harassment, legal or illegal harvest or other human activity)?		X				
h. ♦ ♦ For P-R/D-J, will the project be performed in any area in which T&E species are present, and will the project affect any T&E species or their habitat? (Also see 5f)			X		Yes	A.
i. ♦ ♦ For P-R/D-J, will the project introduce or export any species not presently or historically occurring in the receiving location? (Also see 5d)		X				
j. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. T&E specie present is Bald Eagles during the winter months. The upland location of the overlooks and predicted low human use during winter months will have negligible impacts on the eagles.

⊛ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦ ♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

6. NOISE/ELECTRICAL EFFECTS Fill the proposed action result in:	IMPACT ⚙				Can Impact Be Mitigated ⚙	Comment Index
	Unknown ⚙	None	Minor ⚙	Potentially Significant		
a. Increases in existing noise levels?			X			A.
b. Exposure of people to serve or nuisance noise levels?		X				
c. Creation of electrostatic or electromagnetic effects that could be detrimental to human health or property?		X				
d. Interference with radio or television reception and operation?		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. The noise levels will be higher during construction. After construction no impacts on the noise levels of the area are expected.

⚙ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

7. LAND USE	IMPACT ⚙				Can Impact Be Mitigated ⚙	Comment Index
	Unknown ⚙	None	Minor ⚙	Potentielly Significant		
Will the proposed action result						
a. Alteration of or interference with the productivity or profitability of the existing land use of an area?		X				
b. Conflicted with a designated natural area or eree of unusual scientific or educational importance?		X				
c. Conflict with any existing land use whose presence would constrain or potentially prohibit the proposed action?		X				
d. Adverse effects on or relocation of residences?		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

⚙ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1e (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentielly significant impacts.

◆◆ Include e discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

8. RISK/HEALTH HAZARDS Will the proposed action result	IMPACT ⚙				Can Impact Be Mitigated ⚙	Comment Index
	Unknown ⚙	None	Minor ⚙	Potentially Significant		
a. Risk of an explosion or release of hazardous substances (including, but not limited to oil, pesticides, chemicals, or radiation) in the event of an accident or other forms of disruption?		X				
b. Affect an existing emergency response or emergency evacuation plan or create a need for a new plan?		X				
c. Creation of any human health hazard or potential hazard?		X				
d. ♦ For P-R/D-J, will any chemical toxicants be used? (Also see 8a)		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

⚙ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦ ♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

9. <u>COMMUNITY IMPACT</u> Will the proposed action result	IMPACT ⚠				Can Impact Be Mitigated ⚠	Comment Index
	Unknown ⚠	None	Minor ⚠	Potentially Significant		
a. Alteration of the location, distribution, density, or growth rate of the human population of an area?		X				
b. Alteration of the social structure of a community?		X				
c. Alteration of the level or distribution of employment or community or personal income?			X			A.
d. Changes in industrial or commercial activity?		X				
e. Increased traffic hazards or effects on existing transportation facilities or patterns of movement of people and goods?			X			B.
f. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

- A. The overlooks are at least partially being built to increase tourist opportunities in the Great Falls Area. If tourism does increase more tourist dollars will stay in the Great Falls area. (See attached Tourism Report from the Dept. of Commerce.)
- B. More people will visit the trail and increased usage will be concentrated near the trail. Most of this use will be foot and bike travel. Increased vehicle traffic to the Lewis and Clark Overlook and Region Four Headquarters parking areas is anticipated.

⚠ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

General Information				Administrative	
Case No.	12345	Date	10/26/2023	Page	1 of 1
Client Name	John Doe	Address	123 Main St, Anytown, USA	Phone	(555) 123-4567
Subject	Annual Review - Q3 2023				
Reviewer	J. Smith	Reviewed By	M. Johnson	Reviewed Date	10/27/2023
Comments	Overall performance is satisfactory. Areas for improvement include project management and communication.				
Next Steps	Schedule a meeting to discuss project management improvements.				
Signature	[Signature]				

Approved by: [Signature]
 Date: 10/27/2023

HUMAN ENVIRONMENT

10. PUBLIC SERVICES/TAXES/UTILITIES	IMPACT ⚠				Can Impact Be Mitigated ⚠	Comment Index
	Unknown ⚠	None	Minor ⚠	Potentially Significant		
Will the proposed action result in:						
e. Will the proposed action have an effect upon or result in a need for new or altered governmental services in any of the following areas: fire or police protection, schools, parks/recreational facilities, roads or other public maintenance, water supply, sewer or septic systems, solid waste disposal, health, or other governmental services? If any, specify:			X			A.
b. Will the proposed action have an effect upon the local or state tax base and revenues?		X				
c. Will the proposed action result in a need for new facilities or substantial alterations of any of the following utilities: electric power, natural gas, other fuel supply or distribution systems, or communications?		X				
d. Will the proposed action result in increased used of any energy source?		X				
▶ e. Define projected revenue sources						B.
f. Define projected maintenance costs.						C.
g. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. Slightly increased presence by law enforcement personnel is anticipated. Currently the Great Falls Fire department has regular patrols on the River's Edge Trail and these patrols will continue on the new sections including the overlooks.

B. Revenue Sources include: State Park Capital development monies; Community Transportation Enhancements Program funds, City of Great Falls, and privately raised funds generated though Montana Power Company and Recreational Trails INC.

C. To be shared between FWP and Montana Power. MPC will contribute \$10,000 annually for Rainbow, L&C, Crooked Falls Overlooks, and the River's Edge Trail connecting them once the relicensing application is accepted by the Federal Energy Regulatory Commission. Estimates for annual maintenance is \$1800.00 for the trail and \$1500.00 for both overlooks. Any remaining money will be set aside for major maintenance projects like crack sealing and pavement overlays.

⚠ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

Date	Description	Amount	Total

HUMAN ENVIRONMENT

11. <u>AESTHETICS/RECREATION</u> Will the proposed action result	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
a. Alteration of any scenic vista or creation of an aesthetically offensive site or effect that is open to public view?		X				
b. Alteration of the aesthetic character of a community or neighborhood?		X				
► c. Alteration of the quality or quantity of recreational or tourism opportunities and settings? (Attach Tourism Report)				X.		A.
d. ♦ For P-R/D-J, will any designated or proposed wild or scenic rivers, trails or wilderness areas be impacted? (Also see 11a, 11c)		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. This project will result in a positive impact to recreation opportunities and tourism. See attached tourism report.

☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

12. CULTURAL/HISTORICAL RESOURCES Will the proposed action result in:	IMPACT ⚠				Can Impact Be Mitigated ⚠	Comment Index
	Unknown ⚠	None	Minor ⚠	Potentially Significant		
► a. Destruction or alteration of any site, structure or object of prehistoric historic, or paleontological importance?		X				A.
b. Physical change that would affect unique cultural values?		X				
c. Effects on existing religious or sacred uses of a site or area?		X				
d. ♦ ♦ <u>For P-R/D-J</u> , will the project affect historic or cultural resources? Attach SHPO letter of clearance. (Also see 12.a)		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. This area has been surveyed for culturally significant sites and none were found. SHPO concurrence on these findings is attached.

- ⚠ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ♦ ♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

13. SUMMARY EVALUATION OF SIGNIFICANCE Will the proposed action, considered as a whole:	IMPACT ⚠				Can Impact Be Mitigated ⚠	Comment Index
	Unknown ⚠	None	Minor ⚠	Potentially Significant		
a. Have impacts that are individually limited, but cumulatively considerable? (A project or program may result in impacts on two or more separate resources which create a significant effect when considered together or in total.)		X				
b. Involve potential risks or adverse effects which are uncertain but extremely hazardous if they were to occur?		X				
c. Potentially conflict with the substantive requirements of any local, state, or federal law, regulation, standard or formal plan?		X				
d. Establish a precedent or likelihood that future actions with significant environmental impacts will be proposed?		X				
e. Generate substantial debate or controversy about the nature of the impacts that would be created?		X				
f. ♦ For P-R/D-J, is the project expected to have organized opposition or generate substantial public controversy? (Also see 13e)		X				
♦ ♦ For P-R/D-J, list any federal or state permits required.		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

- ⚠ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- ▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ♦ ♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

2. Description and analysis of reasonable alternatives (including the no action alternative) to the proposed action whenever alternatives are reasonably available and prudent to consider and a discussion of how the alternatives would be implemented:

No Action.

This alternative would result in no improvements to the existing Lewis and Clark overlook with its associated problems. The benefits of the proposed improvements would not be achieved.

The no action alternative does leave the park in its substantially natural current state but also leaves the existing runoff problems and slumping will likely continue to erode the site.

Improve Lewis and Clark Overlook but do not construct Crooked Falls Overlook.

This alternative would enable many of the benefits of the project to be achieved but would not provide a developed overlook at Crooked Falls.

Improve Lewis and Clark overlook and construct Crooked Falls overlook but do not construct the River's Edge Trail.

This alternative would not achieve any of the benefits provided by the River's Edge Trail nor allow the public to fully utilize the Crooked Falls overlook.

Project as proposed.

Our preferred alternative. This alternative would provide maximum benefit to the visitors to Giant Springs/Heritage State Park.

3. Evaluation and listing of mitigation, stipulation, or other control measures enforceable by the agency or another government agency:

None.

4. Based on the significance criteria evaluated in this EA, is an EIS required? If an EIS is not required, explain why the EA is the appropriate level of analysis for this proposed action:

An EIS is not required.

With no anticipated significant impacts to the environment or the public the EA is the appropriate level of analysis.

5. Describe the level of public involvement for this project if any and, given the complexity and the seriousness of the environmental issues associated with the proposed action, is the level of public involvement appropriate under the circumstances?

A thirty day public comment period will be begun on April 1, 1995. A public meeting is scheduled for April 19, 1995 and all comments will be addressed in the final version of this EA.

6. Duration of comment period if any:
30 days from announcement .

7. Name, title, address and phone number of the Person(s) Responsible for Preparing the EA:

1. The purpose of this document is to provide information regarding the security of the information system. This document is intended for use by personnel who are responsible for the security of the information system.

2. The information system is a critical component of the organization's operations. It is essential that the information system be protected from unauthorized access, use, disclosure, modification, or destruction.

3. The security of the information system is a top priority for the organization. It is the responsibility of all personnel to ensure the security of the information system.

4. The security of the information system is a continuous process. It requires ongoing monitoring, assessment, and improvement.

5. The security of the information system is a shared responsibility. It requires the cooperation of all personnel in the organization.

6. The security of the information system is a critical component of the organization's mission. It is essential that the information system be protected from unauthorized access, use, disclosure, modification, or destruction.

Dan Smith
Parks Operation Specialist
Region Four FWP
P.O. Box 6610
Great Falls, MT. 59406 (406)454-3441.

PART III. NARRATIVE EVALUATION AND COMMENT

This project is integrally intertwined with the River's Edge Trail. As such it will be put into the public comment period for the River's Edge Trail although it is and will be treated as a separate project.

The River's Edge Trail project has the ability to draw many people to it. In the past 5 years few projects have received such broad based support from the community, (both the City of Great Falls and private trails groups) and the state. The cooperation between the City of Great Falls, Recreational Trails Inc., the Montana Power Company, and the State of Montana's Department of Fish Wildlife and Parks is a tremendous example of local agencies and nonprofit organizations working together to produce a high quality recreational experience that would have been impossible for any one organization to successfully complete.

Thousands of people are using the existing trail segments and would appreciate more amenities along the trail to use and appreciate the scenery that Central Montana has to offer.

The following information is for your information only. It is not intended to be used for any other purpose.

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PROJECT QUALIFICATION CHECKLIST
HB 495

Date 3-20-95 Person Reviewing Dan Smith

Project Location: MPC lands permitted to FWP east of Heritage State Park.

DESCRIPTION OF PROPOSED WORK: Construction of the River's Edge Trail across MPC lands east of Heritage State Park. This trail will be approximately 10 feet wide by 1 mile long. This project also includes improvements to the Lewis and Clark Overlook and construction of the new Crooked Falls Overlook.

The following checklist is intended to be a guide for determining whether a proposed development or improvement is of enough significance to fall under HB 495 rules. (Please check ☒ all that apply and comment as necessary.) Capital Construction projects - Prepared by D & C; Force Account Projects - Prepared by Region.

☒ A. New roadway or trail built over undisturbed land?

Comments: The entire trail will be constructed over undisturbed lands. The nature of the site is that this area has been heavily modified by man's activities in the past but reclaimed by both natural invasion and by park management activities.

☐ B. New building construction (buildings < 100 sf and vault latrines exempt)?

☒ C. Any excavation of 20 c.y. or greater?

Comments: This project contains improvemets to the Lewis and Clark Overlook which may include excavation of greater than 20 c.y.s of material.

☐ D. New parking lots built over undisturbed land or expansion of existing lot that increases parking capacity by 25% or more?

☐ E. Any new shoreline alteration that exceeds a double wide boat ramp or handicapped fishing station?

☐ F. Any new construction into lakes, reservoirs, or streams?

☐ G. Any new construction in an area with National Registry quality cultural artifacts (as determined by State Historical Preservation Office)?

☐ H. Any new above ground utility lines?

☐ I. Any increase or decrease in campsites of 25% or more of an existing number of campsites?

☒ J. Proposed project significantly changes the existing features or use pattern; including effects of a series of individual projects.

Comments: This project will significantly alter the existing use of the area to the east of Heritage State Park as many more people will use the area.

IF ANY OF THE ABOVE ARE CHECKED, HB 495 RULES APPLY TO THIS PROPOSED WORK AND SHOULD BE DOCUMENTED ON THE MEPA/HP495 CHECKLIST. Refer to MEPA/HB495 Cross Reference Summary for further assistance.

cc: Park Managers, Region 1-7

The Journal of the Royal Anthropological Institute is a peer-reviewed journal of research in human evolution, primatology, and human biology. It is published quarterly by the Royal Anthropological Society.

The Journal is a multidisciplinary journal, publishing research in human evolution, primatology, and human biology. It is a leading journal in the field of human evolution.

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MONTANA ENVIRONMENTAL POLICY ACT (MEPA)/HB 495
TOURISM REPORT

Use this form when the Montana Environmental Policy Act review is initiated and when a park or fishing access site (FAS) improvement or development project meets the criteria directed by HB 495 and identified in 12.8.602(1) Administrative Rules of Montana (ARM). Submit this form for completion to:

Clint Blackwood, Tourism Development
Montana Promotion Division
Department of Commerce
1424 9th Avenue
Helena, MT 59620-0533

Project Name: Lewis and Clark and Crooked Falls Overlooks

Project Description: FWP proposes to rebuild Lewis and Clark Overlook, located on the eastern edge of Giant Springs, to meet drainage concerns and to provide better viewing of Rainbow Falls. FWP plans to provide access for the River's Edge Trail, provide a better toilet facility, and build a viewing platform with interpretive signing. In addition FWP proposes to build a trail to the proposed Crooked Falls overlook. This trail and overlook will provide viewing of the last undammed falls in the Great Falls area and will eventually link up with the proposed River's Edge Trail. Since these projects are connected to ISTEA Funding through the Federal Government, ADA requirements must be met at every stage.

12.8.604(1) ARM:

- i. tourism is defined as the guidance or management of tourists (residents and nonresidents), who are the individuals who make tours for pleasure or education; and,
- ii. site development projects will be sent to the department of commerce with a request for review as to the impacts on tourism economy.

MEPA:

Human Environment. 11:

- c. Alteration of the quality or quantity of recreation/tourism opportunities and settings?

1. Introduction

The purpose of this study is to investigate the effects of the proposed system on the performance of the system. The study is divided into two main parts: a theoretical analysis and an experimental evaluation.

The theoretical analysis is presented in Chapter 2, and the experimental evaluation is presented in Chapter 3. The results of the study are discussed in Chapter 4, and the conclusions are presented in Chapter 5.

The study is organized as follows: Chapter 1: Introduction; Chapter 2: Theoretical Analysis; Chapter 3: Experimental Evaluation; Chapter 4: Results; Chapter 5: Conclusions.

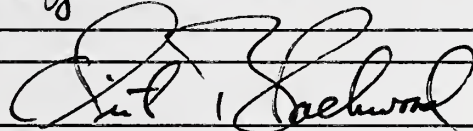
The study is organized as follows: Chapter 1: Introduction; Chapter 2: Theoretical Analysis; Chapter 3: Experimental Evaluation; Chapter 4: Results; Chapter 5: Conclusions. The study is organized as follows: Chapter 1: Introduction; Chapter 2: Theoretical Analysis; Chapter 3: Experimental Evaluation; Chapter 4: Results; Chapter 5: Conclusions.

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Considering (1) ii under ARM rules and MEPA Human Environment 11, listed above, describe how this project will impact the tourism economy:

The quality of the visitor experience will be enhanced with the completion of the proposed improvements. The effect of the tourism economy will be positive, but hard to judge.

Signature



Date

3/1/95

Please return to P.O Box 6610, Great Falls, 59406.

cc: Helena HB 495 Coordinator
Regional Park Manager
Park Operations Specialist

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

PHYS 435

LECTURE 1

1.1

MAR 16 1995. *Stan/learnre*

**Montana Department
of
Fish, Wildlife & Parks**



1420 East Sixth Avenue
P.O. Box 200701
Helena, Montana 59620-0701

LA-6-15605

March 15, 1995

Mark Baumler
State Historic Preservation Office
1410 8th Avenue
P.O. Box 201202
Helena, Montana 59620-1202

Dear Mark:

The Department of Fish, Wildlife and Parks is assisting several other agencies and groups in the preparation of environmental documentation for the development of several overlooks and the extension of the Rivers Edge Trail beyond Giant Springs/Heritage State Park. The project, as I understand it, is to use federal funds administered by the Montana Department of Transportation to construct a trail and overlooks on land owned by the Montana Power Company. In discussions with Jim Shive of Montana Power, he indicated the area proposed for overlook construction and trail development has been surveyed for cultural resources with no significant cultural resources being found. This cultural resource report is on file at the SHPO office and is titled Cultural Resource Studies - Black Eagle and Rainbow Overlook - 1993 Field Season, by R.T.I.

Based on my discussions with Jim Shive regarding the cultural survey, we believe the extension of the Rivers Edge Trail from Heritage State Park to Crooked Falls Overlook, and the construction of the Lewis & Clark and Crooked Falls Overlooks, will have a low likelihood of impacting cultural resources.

Please review the attached map and the cultural report in your files and provide us with your comments. Please call if you have any questions.

Thank you.

Sincerely,

PAUL VALLE
Cultural Resources Coordinator
Design & Construction Bureau
Montana Fish, Wildlife and Parks

**CONCUR
MONTANA SHPO**

DATE 3-17-95 SIGNED

Attachment

c: Jim Shive, MPC, Butte
Ben Rangel, G.F. City/County Planner
Steve Plat, MDT, Helena



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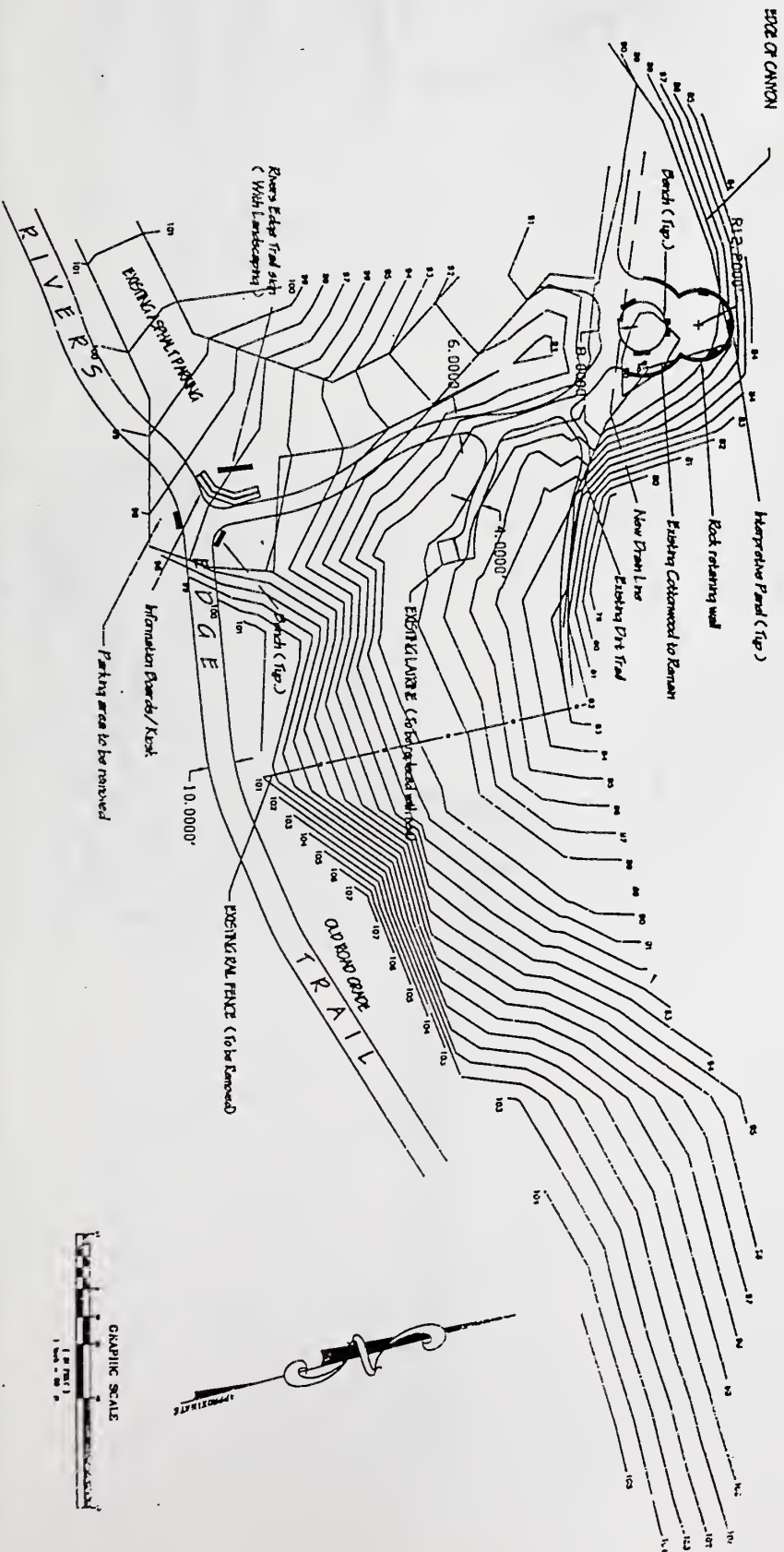
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Lewis & Clark Overlook

Giant Springs State Park



PROCESSES OF CHANGE IN SOCIETY

THEORY OF CHANGE

THEORY OF CHANGE

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MEPA/NEPA/HB495 CHECKLIST

PART I. PROPOSED ACTION DESCRIPTION

1. Type of Proposed State Action

Build the 10' wide and 1.5 mile, asphalt paved, River's Edge Trail through Heritage State Park.

2. Agency Authority for the Proposed Action

FWP has authority to provide development for public recreation on Department lands. 23-2-101 MCA.

3. Name of Project

River's Edge Trail - Heritage State Park Segment.

4. Name, Address and Phone Number of Project Sponsor (if other than the agency)

Fish, Wildlife and Parks, Region Four, P.O. Box 6610, Great Falls, MT. 59406.

5. If Applicable:

Estimated Construction/Commencement Date 6/1/95.

Estimated Completion Date 8/15/95.

Current Status of Project Design (% complete) 80%

6. Location Affected by Proposed Action (county, range and township)

Portions of Giant Springs/Heritage State Park in Cascade County, T21N, R4E. (See attached map).

7. Project Size: Estimate the number of acres that would be directly affected that are currently:

(a) Developed:

residential 0 acres

industrial 0 acres

Areas 0 acres

(b) Open

Space/Woodlands/

Recreation 15 acres

(c) Wetlands/Riparian

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

PHYSICAL CHEMISTRY

PHYSICAL CHEMISTRY I
Lectures 1-10

LECTURE 1: INTRODUCTION

LECTURE 2: THERMODYNAMICS

LECTURE 3: KINETICS

LECTURE 4: ELECTROCHEMISTRY

LECTURE 5: QUANTUM MECHANICS I

LECTURE 6: QUANTUM MECHANICS II

LECTURE 7: STATISTICAL MECHANICS

LECTURE 8: POLYMER PHYSICS

LECTURE 9: BIOPHYSICS

LECTURE 10: SOLID STATE PHYSICS

LECTURE 11: NUCLEAR PHYSICS

LECTURE 12: COSMOLOGY

LECTURE 13: PARTICLE PHYSICS

LECTURE 14: ASTRONOMY

LECTURE 15: ENVIRONMENTAL SCIENCE

LECTURE 16: MEDICAL PHYSICS

LECTURE 17: MATERIALS SCIENCE

LECTURE 18: OPTICS

(d) Floodplain 0 acres

(e) Productive:

irrigated cropland 0 dry

cropland 0 acres

forestry 0 acres

rangeland 0 acres

other 0 acres

8. Map/site plan: attach an original 8 1/2" x 11" or larger section of the most recent USGS 7.5' series topographic map showing the location and boundaries of the area that would be affected by the proposed action. A different map scale may be substituted if more appropriate or if required by agency rule. If available, a site plan should also be attached.

11/11/11

11/11/11

11/11/11



9. **Narrative Summary of the Proposed Action or Project including the Benefits and Purpose of the Proposed Action.**

FWP: Parks Division proposes to develop a walking/biking, asphalt trail with a vault toilet, two bridges and a tunnel beneath the Burlington Northern railroad tracks in cooperation with the City of Great Falls and the non-profit Recreational Trails Inc. across State Park lands in Heritage State Park. The trail tread will be ten feet wide and approximately 1.5 miles long. Construction will be asphalt over a gravel base (see attached typical cross-section) and will be built to ASHTO standards. Funding is through use of Federal Intermodal Surface Transportation Enhancement Act (ISTEA) monies with a 20% match by the cooperating local agencies. This project is an extension of an existing trail which will link parks along the Missouri River from one end of Great Falls to the other. Future plan exist to extend the trail another 20 miles east as funding becomes available. This EA addresses only the trail section which crosses State Park lands although the other sections will be subject to environmental assessment by other partners in the trail project.

The benefits of this project include: health benefits to the users; increased economic benefit to the city and state through increased tourism; safety benefits by providing a motor vehicle free route to walk or bike upon; and increased recreational benefits to anyone using the trail.

10. **Listing of any other Local, State or Federal agency that has overlapping or additional jurisdiction.**

(a) Permits:

<u>Agency Name</u>	<u>Permit</u>	<u>Date Filed/#</u>
--------------------	---------------	---------------------

None

(b) Funding:

<u>Agency Name</u>	<u>Funding Amount</u>
Federal highway Administration	\$208,692
Recreational Trails INC	\$208
Park and Recreation Trust Foundation	\$15,757
Montana Power Company	\$11,000
<u>FWP</u>	<u>\$18,011</u>
Total	\$253,668

(c) Other Overlapping or Additional Jurisdictional Responsibilities:

<u>Agency Name</u>	<u>Type of Responsibility</u>
--------------------	-------------------------------

None

11. List of Agencies Consulted During Preparation of the EA:

MDFWP - Region Four - Parks Division.
FWP - Design and Construction Bureau- Helena.
USFS - Richard Newton - L&C National Forest - Great Falls.
Burlington Northern Railroad - Havre Office.
Montana Power Company - Butte.
Recreational Trails Inc - Great Falls.

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, for the period 1960 through 1969:

Year	Acres	Value
1960	1,234	\$12,345
1961	1,567	\$15,678
1962	1,890	\$18,901
1963	2,123	\$21,234
1964	2,456	\$24,567
1965	2,789	\$27,890
1966	3,123	\$31,234
1967	3,456	\$34,567
1968	3,789	\$37,890
1969	4,123	\$41,234

PART II. ENVIRONMENTAL REVIEW

PHYSICAL ENVIRONMENT

1. <u>LAND RESOURCES</u> Will the proposed action result in:	IMPACT ⚙				Can Impact Be Mitigated ⚙	Comment Index
	Unknown ⚙	None	Minor ⚙	Potentially Significant		
▶ a. Soil instability or changes in geologic substructure?		X				A.
b. Disruption, displacement, erosion, compaction, moisture loss, or over-covering of soil which would reduce productivity or fertility?			X		Yes	B.
▶ c. Destruction, covering or modification of any unique geologic or physical features?		X				C.
d. Changes in siltation, deposition or erosion patterns that may modify the channel of a river or stream or the bed or shore of a lake?		X				
e. Exposure of people or property to earthquakes, landslides, ground failure, or other natural hazard?		X				
f. Other _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. No impacts will occur.

B. The trail will permanently impact an area 10 feet by approximately 1.5 miles. Some long term loss of productivity is to be expected. Any soil disturbed during construction will be replaced and native grasses and shrubs will be planted on all disturbed areas. This is being mitigated by reclaiming approximately 4 miles of user developed roads in the Heritage Addition with native trees, shrubs, and grasses.

C. No impacts will occur.

⚙ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

2. <u>AIR</u> Will the proposed action result in:	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
► e. Emission of air pollutants or deterioration of ambient air quality? (also see 13 (c))			X		Yes	A.
b. Creation of objectionable odors?		X				
c. Alteration of air movement, moisture, or temperature patterns or any change in climate, either locally or regionally?		X				
d. Adverse effects on vegetation, including crops, due to increased emissions of pollutants?		X				
e. ♦ For P-R/D-J projects, will the project result in any discharge which will conflict with federal or state air quality regs? (Also see 2a)		X				
f. Other _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Air Resources (Attach additional pages of narrative if needed):

A. During construction a small amount of air pollution will likely occur. In the long run air quality can be expected to increase as more people use the trail to access Giant Springs rather than using motor vehicles.

☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

General Information				Financial Data			
Name	Address	City	State	Revenue	Expenses	Profit	Notes
John Doe	123 Main St	New York	NY	1000	500	500	
Jane Smith	456 Elm St	Los Angeles	CA	800	400	400	
Bob Johnson	789 Oak St	Chicago	IL	1200	600	600	
Alice Brown	101 Pine St	San Francisco	CA	900	450	450	
Charlie Davis	202 Cedar St	Phoenix	AZ	700	350	350	
Diana Evans	303 Birch St	Philadelphia	PA	1100	550	550	
Frank Green	404 Maple St	San Diego	CA	850	425	425	
Grace Hall	505 Walnut St	Seattle	WA	950	475	475	
Henry King	606 Spruce St	Portland	OR	750	375	375	
Ivy Lee	707 Ash St	Denver	CO	1050	525	525	
Jack Miller	808 Hickory St	San Jose	CA	880	440	440	
Karen Wilson	909 Cypress St	San Antonio	TX	780	390	390	
Leo White	1010 Redwood St	San Luis Obispo	CA	650	325	325	
Mia Young	1111 Sycamore St	San Bernardino	CA	920	460	460	
Nora Ziegler	1212 Dogwood St	San Francisco	CA	810	405	405	

Customer Data				Product Sales			
ID	Name	Address	City	Product A	Product B	Product C	Total
1	John Doe	123 Main St	New York	50	30	20	100
2	Jane Smith	456 Elm St	Los Angeles	40	25	15	80
3	Bob Johnson	789 Oak St	Chicago	60	35	25	120
4	Alice Brown	101 Pine St	San Francisco	55	30	20	105
5	Charlie Davis	202 Cedar St	Phoenix	45	20	15	80
6	Diana Evans	303 Birch St	Philadelphia	50	30	20	100
7	Frank Green	404 Maple St	San Diego	40	25	15	80
8	Grace Hall	505 Walnut St	Seattle	55	30	20	105
9	Henry King	606 Spruce St	Portland	45	20	15	80
10	Ivy Lee	707 Ash St	Denver	50	30	20	100
11	Jack Miller	808 Hickory St	San Jose	40	25	15	80
12	Karen Wilson	909 Cypress St	San Antonio	55	30	20	105
13	Leo White	1010 Redwood St	San Luis Obispo	45	20	15	80
14	Mia Young	1111 Sycamore St	San Bernardino	50	30	20	100
15	Nora Ziegler	1212 Dogwood St	San Francisco	40	25	15	80

PHYSICAL ENVIRONMENT

3. <u>WATER</u> Will the proposed action result	IMPACT [⊛]				Can Impact Be Mitigated [⊛]	Comment Index
	Unknown [⊛]	None	Minor [⊛]	Potentially Significant		
► a. Discharge into surface water or any alteration of surface water quality including but not limited to temperature, dissolved oxygen or turbidity?		X				
b. Changes in drainage patterns or the rate and amount of surface runoff?		X				
c. Alteration of the course or magnitude of flood water or other flows?		X				
d. Changes in the amount of surface water in any water body or creation of a new water body?		X				
e. Exposure of people or property to water related hazards such as flooding?		X				
f. Changes in the quality of groundwater?		X				
g. Changes in the quantity of groundwater?		X				
h. Increase in risk of contamination of surface or groundwater?		X				
i. Effects on any existing water right or reservation?		X				
Effects on other water users as a result of any alteration in surface or groundwater quality?		X				
k. Effects on other users as a result of any alteration in surface or groundwater quantity?		X				
l. ♦♦ For P-R/D-J, will the project affect a designated floodplain? (Also see 3c)		X				
m. ♦ For P-R/D-J, will the project result in any discharge that will affect federal or state water quality regulations? (Also see 3a)		X				
n. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Water Resources (Attach additional pages of narrative if needed):

- ⊛ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

4. <u>VEGETATION</u> Will the proposed action result in:	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
a. Changes in the diversity, productivity or abundance of plant species (including trees, shrubs, grass, crops, and aquatic plants)?			X			A.
b. Alteration of a plant community?		X				
c. Adverse effects on any unique, rare, threatened, or endangered species?		X				
d. Reduction in acreage or productivity of any agricultural land?		X				
e. Establishment or spread of noxious weeds?			X			B.
f. ♦ ♦ For P-R/D-J, will the project affect wetlands, or prime and unique farmland?		X				
g. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. Minor impacts to the established vegetation in the area are expected. Since this area has been impacted through industrial use in the recent past the disturbance will be minor. Mitigation will be to reseed areas which are disturbed and to enhance the area by planting native trees, shrubs and grasses.

B. Spread of noxious weeds may be increased during construction and by opening the RET to public use. This is being mitigated by use of mechanical, chemical, and biological weed control methods where necessary to control the spread of noxious weeds. Giant Springs / Heritage State Parks have a weed control plan in draft form and will adhere to the procedures outlined in that plan.

☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦ ♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

PHYSICAL ENVIRONMENT

► 5. <u>FISH/WILDLIFE</u> Will the proposed action result in:	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
a. Deterioration of critical fish or wildlife habitat?		X				
b. Changes in the diversity or abundance of game animals or bird species?		X				
c. Changes in the diversity or abundance of nongame species?		X				
d. Introduction of new species into an area?		X				
e. Creation of a barrier to the migration or movement of animals?		X				
f. Adverse effects on any unique, rare, threatened, or endangered species?		X				
g. Increase in conditions that stress wildlife populations or limit abundance (including harassment, legal or illegal harvest or other human activity)?			X		Yes	A.
h. ♦ ♦ For P-R/D-J, will the project be performed in any area in which T&E species are present, and will the project affect any T&E species or their habitat? (Also see 5f)			X		Yes	B.
i. ♦ ♦ For P-R/D-J, will the project introduce or export any species not presently or historically occurring in the receiving area? (Also see 5d)		X				
j. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. The project will increase human activity in an unknown but anticipated high amount. Mitigation includes improvement of habitat by planting native shrubs, trees and grasses in the Heritage Addition.

B. T&E species present are Bald Eagles during the winter months. The upland location of the trail and low human use during winter months will have negligible impacts on the eagles.

☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦ ♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.



HUMAN ENVIRONMENT

6. NOISE/ELECTRICAL EFFECTS Will the proposed action result in:	IMPACT ✱				Can Impact Be Mitigated ✱	Comment Index
	Unknown ✱	None	Minor ✱	Potentially Significant		
a. Increases in existing noise levels?			X			A.
b. Exposure of people to serve or nuisance noise levels?		X				
c. Creation of electrostatic or electromagnetic effects that could be detrimental to human health or property?		X				
d. Interference with radio or television reception and operation?		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. The noise levels will be higher during construction. After construction no impacts on the noise levels of the area are expected.

✱ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

7. <u>LAND USE</u> Will the proposed action result	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
a. Alteration of or interference with the productivity or profitability of the existing land use of an area?		X				
b. Conflicted with a designated natural area or area of unusual scientific or educational importance?		X				
c. Conflict with any existing land use whose presence would constrain or potentially prohibit the proposed action?		X				
d. Adverse effects on or relocation of residences?		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

8. RISK/HEALTH HAZARDS	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
Will the proposed action result in:						
a. Risk of an explosion or release of hazardous substances (including, but not limited to oil, pesticides, chemicals, or radiation) in the event of an accident or other forms of disruption?		X				
b. Affect an existing emergency response or emergency evacuation plan or create a need for a new plan?		X				
c. Creation of any human health hazard or potential hazard?		X				
d. ♦ For P-R/D-J, will any chemical toxicants be used? (Also see 8a)		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

- ☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- ▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

9. <u>COMMUNITY IMPACT</u> Will the proposed action result	IMPACT ⚠				Can Impact Be Mitigated ⚠	Comment Index
	Unknown ⚠	None	Minor ⚠	Potentially Significant		
a. Alteration of the location, distribution, density, or growth rate of the human population of an area?		X				
b. Alteration of the social structure of a community?		X				
c. Alteration of the level or distribution of employment or community or personal income?			X			A.
d. Changes in industrial or commercial activity?		X				
e. Increased traffic hazards or effects on existing transportation facilities or patterns of movement of people and goods?			X			B.
f. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

- A. The trail is at least partially being built to increase tourist opportunities in the Great Falls Area. If tourism does increase more tourist dollars will stay in the Great Falls area.
- B. More people will visit the trail and increased usage will be concentrated near the trail. Most of this use will be foot and bike travel but some parking areas will likely be built in the future. Increased vehicle traffic to these potential parking areas is anticipated.

⚠ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

10. <u>PUBLIC SERVICES/TAXES/UTILITIES</u> Will the proposed action result in:	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
a. Will the proposed action have an effect upon or result in a need for new or altered governmental services in any of the following areas: fire or police protection, schools, parks/recreational facilities, roads or other public maintenance, water supply, sewer or septic systems, solid waste disposal, health, or other governmental services? If any, specify:			X			A.
b. Will the proposed action have an effect upon the local or state tax base and revenues?		X				
c. Will the proposed action result in a need for new facilities or substantial alterations of any of the following utilities: electric power, natural gas, other fuel supply or distribution systems, or communications?		X				
d. Will the proposed action result in increased used of any energy source?		X				
▶ e. Define projected revenue sources						A.
f. Define projected maintenance costs.						B.
g. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. Increased services by police and emergency medical personnel are anticipated. These services are already provided on existing portions of the trail and any additional services will be minor.

B. Revenue Sources include: State Park Capital development monies; Federal ISTE A funding; and privately raised funds generated though Recreational Trails Inc., the Park and Recreation Trust Foundation and the Montana Power Company.

C. Projected maintenance costs are estimated at \$1800 annually to be shared between FWP and Recreational Trails Inc.

☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

◆ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

◆◆ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

11. <u>AESTHETICS/RECREATION</u> Will the proposed action result	IMPACT ⚙				Can Impact Be Mitigated ⚙	Comment Index
	Unknown ⚙	None	Minor ⚙	Potentially Significant		
a. Alteration of any scenic vista or creation of an aesthetically offensive site or effect that is open to public view?		X				
b. Alteration of the aesthetic character of a community or neighborhood?		X				
► c. Alteration of the quality or quantity of recreational or tourism opportunities and settings? (Attach Tourism Report)				X.		A.
d. ♦ For P-R/D-J, will any designated or proposed wild or scenic rivers, trails or wilderness areas be impacted? (Also see 11a, 11c)		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. This project will result in a positive impact to recreation opportunities and tourism. See attached tourism report in appendices.

⚙ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.

► Include a narrative description addressing the items identified in 12.8.604-1a (ARM)

♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.

♦♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

Date		Time		Location		Remarks	

HUMAN ENVIRONMENT

12. CULTURAL/HISTORICAL RESOURCES	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
Will the proposed action result in:						
► a. Destruction or alteration of any site, structure or object of prehistoric historic, or paleontological importance?		X				A.
b. Physical change that would affect unique cultural values?		X				
c. Effects on existing religious or sacred uses of a site or area?		X				
d. ♦ ♦ For P-R/D-J, will the project affect historic or cultural resources? Attach SHPO letter of clearance. (Also see 12.a)		X				
e. Other: _____		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

A. This project will not effect any of the cultural sites nearby. See attached SHPO clearance in appendices.

- ☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ♦ ♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

HUMAN ENVIRONMENT

13. SUMMARY EVALUATION OF SIGNIFICANCE Will the proposed action, considered as a whole:	IMPACT [☆]				Can Impact Be Mitigated [☆]	Comment Index
	Unknown [☆]	None	Minor [☆]	Potentially Significant		
a. Have impacts that are individually limited, but cumulatively considerable? (A project or program may result in impacts on two or more separate resources which create a significant effect when considered together or in total.)		X				
b. Involve potential risks or adverse effects which are uncertain but extremely hazardous if they were to occur?		X				
c. Potentially conflict with the substantive requirements of any local, state, or federal law, regulation, standard or formal plan?		X				
d. Establish a precedent or likelihood that future actions with significant environmental impacts will be proposed?		X				
e. Generate substantial debate or controversy about the nature of the impacts that would be created?		X				
f. ♦ For P-R/D-J, is the project expected to have organized opposition or generate substantial public controversy? (Also see 13e)		X				
g. ♦ ♦ For P-R/D-J, list any federal or state permits required.		X				

Narrative Description and Evaluation of the Cumulative and Secondary Effects on Land Resources (Attach additional pages of narrative if needed):

- ☆ Include a narrative explanation under Part III describing the scope and level of impact. If the impact is unknown, explain why the unknown impact has not or can not be evaluated.
- ▶ Include a narrative description addressing the items identified in 12.8.604-1a (ARM)
- ♦ Determine whether the described impact may result and respond on the checklist. Describe any minor or potentially significant impacts.
- ♦ ♦ Include a discussion about the issue in the EA narrative and include documentation if it will be useful.

2. Description and analysis of reasonable alternatives (including the no action alternative) to the proposed action whenever alternatives are reasonably available and prudent to consider and a discussion of how the alternatives would be implemented:

No Action.

This alternative would result in no connecting trail linking the City of Great Falls and Giant Spring/Heritage State Park. The benefits of such a trail would not be achieved. Future linkage to the trail system to the east of Giant Springs State Park would be impossible.

The no action alternative does leave the park in it's substantially natural current state.

Partial Trail to FWP HQ.

This alternative would allow a connection with the State Park but would not result in any impacts to most of the Park. The park would be impacted by people using the trail to access Heritage Park but not having any developments for them to use once there. Future linkage to the trail system to the east of Giant Springs State Park would be impossible.

Partial trail to Burlington-Northern Railroad crossing.

Because of the possibility of lack of funding for a tunnel under the BN railroad this alternative must be mentioned. The trail would link the River's Edge Trail with the State Park but would not link the scenic overlooks or connect to the proposed eastern extension. Most of the environmental and social impacts would occur at the State Park but without achieving many of the benefits to the visitor.

Project as proposed.

Our preferred alternative. This alternative would provide maximum benefit to the City of Great Falls, and visitors to Giant Springs/Heritage State Park while having only minor environmental impacts to the entire area.

3. Evaluation and listing of mitigation, stipulation, or other control measures enforceable by the agency or another government agency:

The only foreseeable mitigation is rehabilitation of the soils and plant life disturbed or destroyed by construction.

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1801.

2. The second part is a report from the Secretary of the Treasury, dated January 1, 1801.

3. The third part is a report from the Secretary of the Navy, dated January 1, 1801.

4. The fourth part is a report from the Secretary of the War, dated January 1, 1801.

5. The fifth part is a report from the Secretary of the Interior, dated January 1, 1801.

6. The sixth part is a report from the Secretary of the State, dated January 1, 1801.

7. The seventh part is a report from the Secretary of the War, dated January 1, 1801.

8. The eighth part is a report from the Secretary of the Navy, dated January 1, 1801.

9. The ninth part is a report from the Secretary of the Treasury, dated January 1, 1801.

10. The tenth part is a report from the Secretary of the State, dated January 1, 1801.

11. The eleventh part is a report from the Secretary of the War, dated January 1, 1801.

12. The twelfth part is a report from the Secretary of the Navy, dated January 1, 1801.

13. The thirteenth part is a report from the Secretary of the Treasury, dated January 1, 1801.

14. The fourteenth part is a report from the Secretary of the State, dated January 1, 1801.

4. Based on the significance criteria evaluated in this EA, is an EIS required? If an EIS is not required, explain why the EA is the appropriate level of analysis for this proposed action:

An EIS is not required.

With no anticipated significant impacts to the environment or the public the EA is the appropriate level of analysis.

5. Describe the level of public involvement for this project if any and, given the complexity and the seriousness of the environmental issues associated with the proposed action, is the level of public involvement appropriate under the circumstances?

In 1992 a public meeting was held to determine the attitudes of the public about this project. At that meeting no objections to the project were heard. Written comments were taken for thirty days and many letters of support were received.

Since that time the scope of the trail has been expanded due to receiving ISTEAF funding. Because of this expansion in the project it was decided to again prepare an EA and continue through an additional thirty day public comment period beginning April 1, 1995 with a public meeting scheduled for April 19, 1995. This is the Draft EA for that public comment.

All comments received from both the 1992 and 1995 public comment periods will be incorporated into the final record.

This level of involvement is deemed appropriate and the public has been an integral partner in this project from the start.

6. Duration of comment period if any:

30 days from announcement.

7. Name, title, address and phone number of the Person(s) Responsible for Preparing the EA:

Dan Smith
Parks Operation Specialist
Region Four FWP
P.O. Box 6610
Great Falls, MT. 59406 (406)454-3441.

THE UNIVERSITY OF CHICAGO
DIVISION OF THE PHYSICAL SCIENCES

DEPARTMENT OF PHYSICS
530 SOUTH EAST ASIAN AVENUE
CHICAGO, ILLINOIS 60607

TO THE DIRECTOR, UNIVERSITY OF CHICAGO
FROM THE DEPARTMENT OF PHYSICS
SUBJECT: [Illegible]

RE: [Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

[Illegible]

PART III. NARRATIVE EVALUATION AND COMMENT

This project has the ability to draw many people to it. Few projects have received such broad based support from the community, the state, and private concerns. The cooperation between the City of Great Falls, Montana Power Company, the Park and Recreation Trust Foundation, Recreational Trails Inc. and the State of Montana is a rare example of local agencies and nonprofit organizations working together to produce a high quality recreational experience.

Thousands of people are using the existing trail segment and would like to have more trails in the vicinity to better appreciate the scenic and historical amenities that Central Montana has to offer. With few environmental or social impacts to the area this is a project which should proceed as planned.

The first part of the unit is a reading passage about the early history of the United States. It discusses the arrival of the first settlers and the development of the colonies. The passage is followed by a series of comprehension questions.

The second part of the unit is a listening exercise. It consists of a short audio recording of a historical event, followed by a set of questions to test your understanding of the content.

PROJECT QUALIFICATION CHECKLIST
HB 495

Date 3-20-95 Person Reviewing Dan Smith

Project Location: Heritage State Park

DESCRIPTION OF PROPOSED WORK: Construction of the River's Edge Trail across Heritage State Park Lands. This trail will be approximately 10 feet wide by 1.5 miles long.

The following checklist is intended to be a guide for determining whether a proposed development or improvement is of enough significance to fall under HB 495 rules. (Please check ☒ all that apply and comment as necessary.) Capital Construction projects - Prepared by D & C; Force Account Projects - Prepared by Region.

☒ A. New roadway or trail built over undisturbed land?

Comments: The entire trail will be constructed over undisturbed lands. The nature of the site is that this area has been heavily modified by man's activities in the past but reclaimed by both natural invasion and by park management activities.

☐ B. New building construction (buildings < 100 sf and vault latrines exempt)?

☒ C. Any excavation of 20 c.y. or greater?

Comments: This project contains provisions for a tunnel to be constructed beneath the Burlington Northern Railroad right of way on the eastern edge of the park. This is the only excavation greater than 20 c.y. in the project.

☐ D. New parking lots built over undisturbed land or expansion of existing lot that increases parking capacity by 25% or more?

☐ E. Any new shoreline alteration that exceeds a double wide boat ramp or handicapped fishing station?

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it sets out the President's views on the state of the Union and the course of action he proposes to take. The letter is written in a very formal and dignified style, and it is one of the most important documents in the history of the United States.

2. The second part of the document is a report from the Secretary of the Treasury, dated January 1, 1861. It is a very important document, as it sets out the Secretary's views on the state of the Treasury and the course of action he proposes to take. The report is written in a very formal and dignified style, and it is one of the most important documents in the history of the United States.

3. The third part of the document is a report from the Secretary of the Interior, dated January 1, 1861. It is a very important document, as it sets out the Secretary's views on the state of the Interior and the course of action he proposes to take. The report is written in a very formal and dignified style, and it is one of the most important documents in the history of the United States.

4. The fourth part of the document is a report from the Secretary of the Navy, dated January 1, 1861. It is a very important document, as it sets out the Secretary's views on the state of the Navy and the course of action he proposes to take. The report is written in a very formal and dignified style, and it is one of the most important documents in the history of the United States.

5. The fifth part of the document is a report from the Secretary of the War, dated January 1, 1861. It is a very important document, as it sets out the Secretary's views on the state of the War and the course of action he proposes to take. The report is written in a very formal and dignified style, and it is one of the most important documents in the history of the United States.

☐ F. Any new construction into lakes, reservoirs, or streams?

☒ G. Any new construction in an area with National Registry quality cultural artifacts (as determined by State Historical Preservation Office)?

Comments: There are cultural artifacts in the general area but SHPO has determined that no significant impacts to those resources will occur. See attached MEPA checklist and SHPO clearance.

☐ H. Any new above ground utility lines?

☐ I. Any increase or decrease in campsites of 25% or more of an existing number of campsites?

☒ J. Proposed project significantly changes the existing features or use pattern; including effects of a series of individual projects.

Comments: This Project will significantly alter the existing use of the south side of Heritage State Park as many more people will use the area.

IF ANY OF THE ABOVE ARE CHECKED, HB 495 RULES APPLY TO THIS PROPOSED WORK AND SHOULD BE DOCUMENTED ON THE MEPA/HP495 CHECKLIST. Refer to MEPA/HB495 Cross Reference Summary for further assistance.

cc: Park Managers, Region 1-7
Jeff Erikson
Project File

4. The fourth part of the document provides information on how to obtain further assistance or information regarding the record-keeping requirements. It states that individuals or entities may contact the relevant authorities for more information.

REC'D DEC 20 1991

**Montana Department
of
Fish, Wildlife & Parks**



TO: Dave Todd

DATE: December 19, 1991

FROM: Paul Valle

SUBJECT: River's Edge Trail - Cultural Clearance

Attached is a copy of the letter I received from the SHPO regarding their review of the cultural report submitted by the River's Edge Trail Committee.

Based on the SHPO comments and the scope of the trail project on department property (I am assuming that the railroad grade is not department property), it appears that the proposed trail project through state property will not impact any cultural sites on state property. Therefore, the proposed trail through the park should be allowed to proceed.

The SHPO is recommending that the railroad grade be recorded and considered for eligibility. This should be relayed to the River's Edge Trail Committee for their consideration.

cd

Attachment



THE UNIVERSITY OF
THE STATE OF NEW YORK
OFFICE OF THE COMPTROLLER

IN SENATE
January 14, 1914

REPORT
OF THE COMPTROLLER
OF THE STATE OF NEW YORK
FOR THE YEAR 1913

ALBANY:
J. B. LIPPINCOTT & CO. PRINTERS
1914



State Historic Preservation Office

Montana Historical Society

Mailing Address: 225 North Roberts • Helena, MT 59620-9990

Office Address: 102 Broadway • Helena, MT • (406) 444-7715

December 17, 1991

Paul Valle
Cultural Resources Coordinator
Montana Fish, Wildlife and Parks
1420 East Sixth Avenue
Helena, MT 59620

Re: Rivers' Edge Trail

Dear Paul:

After our telephone discussion about this project, I understand its compliance status to be a request for our comments on the proposed trail where it crosses state land. The undertaking is not federally funded; the forest furnished their personnel to conduct the inventory as their contribution to a community effort; FWP has no oversight role or physical involvement in the trail project. We are therefore commenting under the Montana Antiquities Act.

Neither of the properties recorded within the area of potential effect for this project will be impacted by conversion of railroad grades and/or access roads into a recreational trail. However, just for the record, we do agree that 24CA333 will likely meet National Register Criterion D, and would, therefore, also be considered a State Heritage Property. Since no impact is anticipated for this property, we also agree it is not necessary to resolve its status at this time.

I did also speak with Richard at the L&C National Forest. He confirmed the report statement that the trail would, indeed, be built upon the abandoned railroad grade for part of its anticipated course across State Land. That surely makes sense in terms of reuse, but it does leave us with a potentially significant cultural resource within the project area that has not yet been recorded or evaluated. There is good context available in our office for both the Great Northern Railroad and for Great Falls itself, so research for evaluation should be relatively easy. According to Richard, integrity of the resource may preclude a finding of eligibility in this case; however, we do recommend that the railroad grade be recorded and considered.

Thank you for consulting with us, and please call if you have questions.

Sincerely,

Katherine M. Huppe
Historical Survey Reviewer

cc: Richard Newton, L&C National Forest.

File: Comp/FWP/1991

Comp/L&C National Forest.

RECEIVED
DEC 18 1991
DESIGN AND CONSTRUCTION
BUREAU

State of Illinois Department of Transportation

Office of the Secretary

100 North Dearborn Street, Suite 1000

Chicago, Illinois 60610-4000

Dear Mr. [Name]:

I am pleased to inform you that your application for the position of [Position] has been reviewed and your qualifications have been found to be satisfactory.

The position of [Position] is currently open and your application has been placed on file. We will contact you again when a final decision has been reached.

If you have any questions or need further information, please do not hesitate to contact me at [Phone Number] or [Email Address].

Sincerely,
[Signature]

[Name]
Secretary

Enclosed for you are [Number] copies of [Document Name].

Very truly yours,
[Signature]

[Name]
Secretary



Montana Department
of Transportation

2701 Prospect Avenue
PO Box 201001
Helena MT 59620-1001

Marc Racicot, Governor

RECEIVED MAR 20 1995

FEB 23 1995

February 21, 1995

Marcella Sherfy
State Historic Preservation Office
1410 8th Avenue
P.O. Box 201202
Helena, MT 59620-1202

RECEIVED

MAR 16 1995

DESIGN & CONSTRUCTION
DEPT. OF FISH, WILDLIFE & PARKS

Subject: STPE 5299(5)
Rivers Edge Trail - Great Falls
Control No. 2567

Enclosed is a copy of the site form and CRABS for the above project. This CTEP project will be submitted by Cascade County on behalf of the Montana Department of Fish, Wildlife and Parks. The proposed project includes the construction of new trail in the vicinity of the Montana Smelting & Refining Company Smelter (24CA333). The project would utilize a portion of the Union Silver Smelter Spur, a component of the above site.

The railroad spur was recorded in January, 1995. Because the old line lacks integrity and has largely been obliterated since its abandonment in 1900, it is not recommended as not eligible to the NRHP. Your concurrence of this finding is requested.

If you have any questions, please contact me at 444-6258.

Jon Axline

Jon Axline, Historian
Environmental Services

Enclosures

cc: Joel Marshik, Environmental Services
Ed Hedlund, P.E., CTEP Coordinator
Paul Valle, Dept. of Fish, Wildlife & Parks

w/attach.

CONCUR
MONTANA
DATE 3-4-95 SIGNED m. *Sheffy*

File - Comp. MDOT CTEP

1000

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Montana Department
of Transportation

2701 Prospect Avenue
PO Box 201202
Helena MT 59620-1202

John Smith - R4
Marc Racicot, Governor

RECEIVED MAR 20 1995

FEB 23 1995

February 21, 1995

Marcella Sherfy
State Historic Preservation Office
1410 8th Avenue
P.O. Box 201202
Helena, MT 59620-1202

RECEIVED

MAR 16 1995

DESIGN & CONSTRUCTION
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If you have any questions, please contact me at 444-6258.

Jon Axline

Jon Axline, Historian
Environmental Services

Enclosures

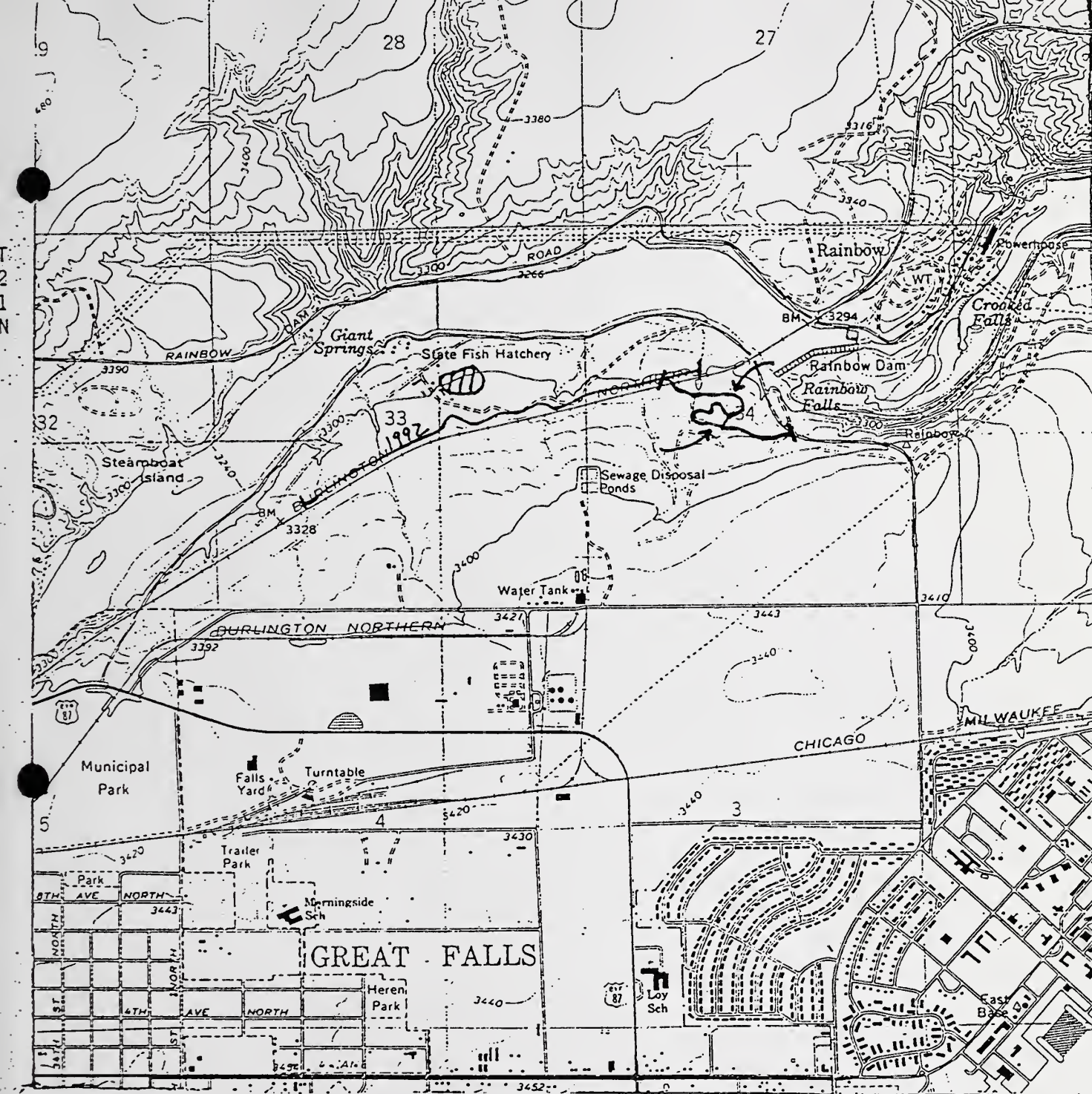
cc: Joel Marshik, Environmental Services
Ed Hedlund, P.E., CTEP Coordinator
Paul Valle, Dept. of Fish, Wildlife & Parks

w/attach.

CONCUR
MONTANA
DATE 3-4-95 SIGNED m. *Shay*

File. Comp. MDOT CTEP

3267148



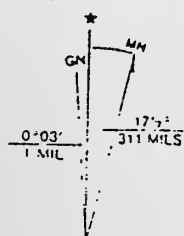
CRM REPORT # 93-LC-00-038

PROJECT NAME: River's Edge Trail Extension

.....Area surveyed for cultural resources in 1992.

.....Cultural resource site 24CA333.

.....Area surveyed for cultural resources in 1993.

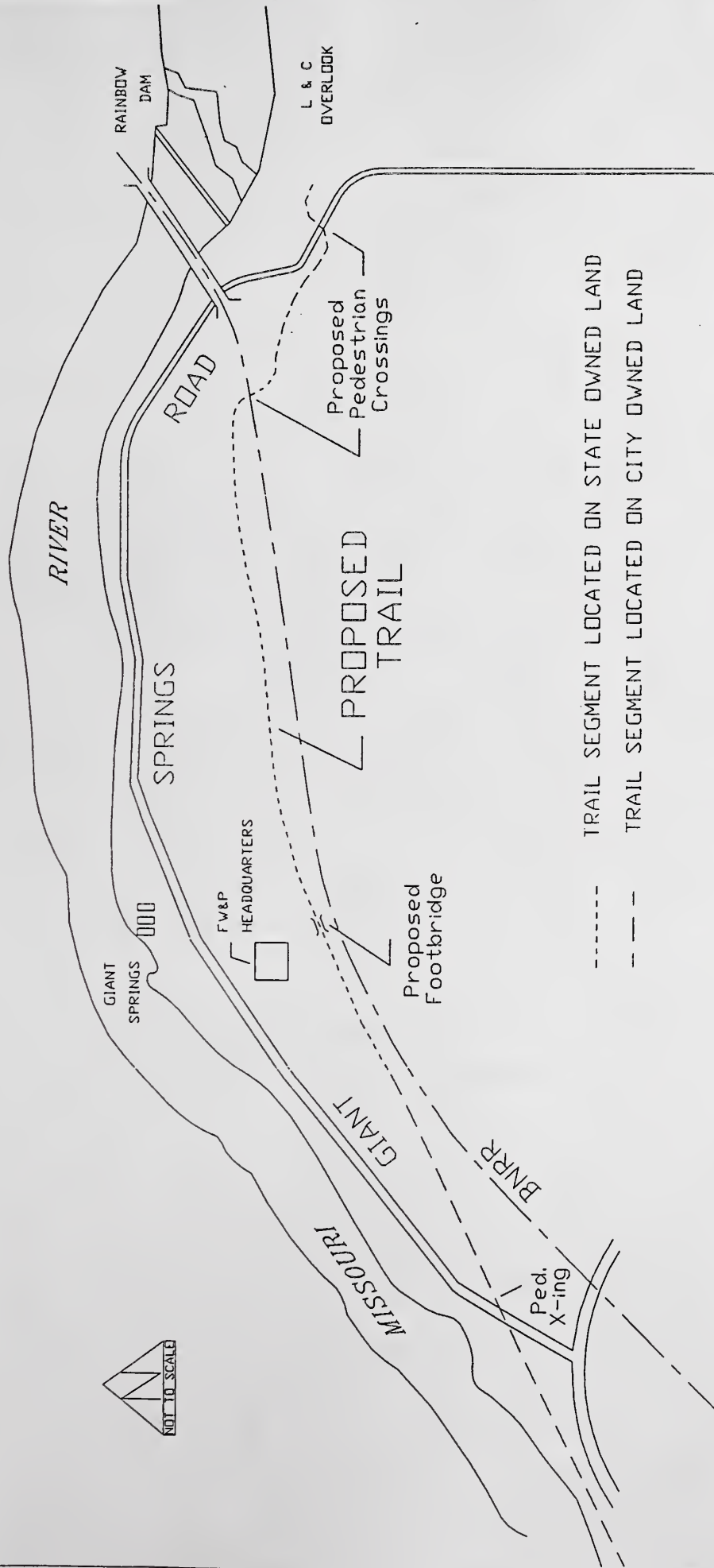


USGS Quad Name(s)
Northeast Great Falls, MT

Scale: 1:24,000

FOR OFFICIAL USE ONLY. DISCLOSURE OF SITE LOCATIONS IS PROHIBITED (36 CFR 296.18)

EXHIBIT A



RIVER'S EDGE TRAIL

MONTANA DEPARTMENT OF
FISH, WILDLIFE & PARKS

GIANT SPRINGS STATE PARK
GREAT FALLS, MONTANA

